



Appendix F

Simple Random Number Generating in EPI Info

1. Enter into Epi Info software
2. Press [**P**] (to list Program menu)
3. Arrow down and highlight Epi Table calculator, and Press [**ENTER**].
4. When Epi Table screen appears, arrow over to Sample, and Press [**ENTER**].
5. Arrow down to Random number list, and Press [**ENTER**].

EXAMPLE: Assume this example scenario for random numbers: 87 samples a year for cargo monitoring. You assign one sample each week, but this only accounts for 52 samples. There are still 35 samples left to be scheduled. You want to randomly pick 35 weeks out of the 52 weeks available to complete the sampling schedule. Using this example, at the Random Number screen do the following to generate random numbers.



The rest of these instructions use values specific to the example scenario listed above.

6. For "How many random numbers," Type: 35, and press [**ENTER**].
7. For "Minimum range of numbers," Type: 1, and Press [**ENTER**]. (Sample range is 1 to 52.)
8. For "Maximum range of numbers," Type: 52, and Press [**ENTER**]. (Sample range is 1 to 52.)
9. Cursor will move to field: "[] Drawing with replacement:"

If you **do not want** a sample number to repeat, then leave this field blank. Press Down (↓) key once to highlight the word "Calculate." Go to Step 10.

OR

If you want sample numbers to repeat, then Press: space bar to place an X in this field, and Press **[ENTER]**.

- 10.** Once Calculate is highlighted, Press **[ENTER]** and a list of random numbers should appear on screen.
- 11.** TO PRINT THIS LIST, Press **[F5]** (to print directly to printer), **OR**

Press **[ESC]**, answer yes to save to a file, type in file name to save list to. This file is created and saved in the C:\EPI6> directory. After leaving Epi Info, you can then access this file via the Agency word processor to print out.

- 12.** Press **[F10]** (to leave random number list generator or continue to generate other lists).